

Electronic Filing System (EFS) Data

Electronic Patent Application Submission

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EFS ID: 12650
Application ID: 09682777
Title of Invention: METHOD FOR OPERATING A PRE-CRASH SENSING SYSTEM IN A VEHICLE HAVING A COUNTER-MEASURE SYSTEM
First Named Inventor: Gregory Smith
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2001-10-18 
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: 201-0564 FAM
Digital Certificate Holder: cn=Damian Porcari, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US
Certificate Message Digest: N06agDCdtTOzQKbTNMgO5w==
Total Fees Authorized: \$798.0

Payment Category: DA – Deposit Account
Deposit Account Number: 61510
Deposit Account Name: Sheri L. Charles

JC474 U.S. PRO
09/682777
10/18/01



TRANSMITTAL FORM

Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number: 201-0564 FAM

METHOD FOR OPERATING A PRE-CRASH SENSING SYSTEM IN A VEHICLE HAVING A COUNTER-MEASURE SYSTEM

First Named Inventor: Gregory Hugh Smith

SUBMITTED BY

Organization Name: Ford Motor Company

Name: Sheri Lynn Charles Electronic Application Specialist

Electronic Signature Mark: /slc Date Signed: 20011018

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

bibd-transmittal	201-0564apds.xml
fee-transmittal	201-0564fee.xml
patent-assignment	201-0564asgn.xml
specification	Specification.xml
declaration	declaration 1 of 2.tif
declaration	declaration 2 of 2.tif

declaration	consent.tif
declaration	info disclosure statement 1 of 4.tif
declaration	info disclosure statement 2 of 4.tif
declaration	info disclosure statement 3 of 4.tif
declaration	info disclosure statement 4 of 4.tif

Attached Image File(s):

declaration 1 of 2.tif
declaration 2 of 2.tif
consent.tif
info disclosure statement 1 of 4.tif
info disclosure statement 2 of 4.tif
info disclosure statement 3 of 4.tif
info disclosure statement 4 of 4.tif

APP_ID=09682777

Comments:

DECLARATION AND POWER OF ATTORNEY - ORIGINAL APPLICATION

Attorney's Docket No.
201-0564

As a below named inventor, I hereby declare:
 My residence, post office address and citizenship are as stated below next to my name:

I verily believe I am the original, first and sole inventor or an original, first and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled

METHOD FOR OPERATING A PRE-CRASH SENSING SYSTEM IN A VEHICLE HAVING A COUNTER-MEASURE SYSTEM
the specification of which is attached hereto.

I have reviewed and understand the contents of the specification identified above, including the claims.

I acknowledge my duty to disclose information of which I am aware that is material to the examination of this application in accordance with Section 1.56(a), Title 37 of the Code of Federal Regulations; and as to application for patents or inventor's certificate on the invention filed in any country foreign to the United States of America, prior to this application by me or my legal representatives or assigns,

- no such applications have been filed, or
- such applications have been filed as follows:
- I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below

COUNTRY	APPLICATION NO.	DATE OF FILING (month, day, year)	DATE OF ISSUE (month, day, year)	PRIORITY CLAIMED UNDER 35 USC 119	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/98/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)
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(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)
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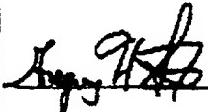
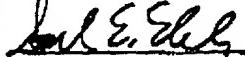
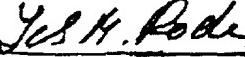
POWER OF ATTORNEY: I/we hereby appoint the following Practitioners: Customer No. 28549, Kevin G. Mierzwa - 38,049 as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office and all foreign Patent Offices.

Attorney Docket No: 201-0564 Please call 313-322-7726 if this paper becomes separated from the file.

Address all correspondence and telephone calls to:

Kevin G. Mierzwa
Artz & Artz PLC
28333 Telegraph Road, Suite 260
Southfield, MI 48034 Phone: 248 223-9500

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

NAME AND MAILING ADDRESS OF INVENTOR:	RESIDENCE	CITIZENSHIP	SIGNATURE	DATE
Gregory Hugh Smith 708 West Liberty Street Ann Arbor, MI 48103 US	Ann Arbor, MI 48103 US	U.S.A		10/11/01
James Stewart Rankin II 25974 Glenmoor Novi, MI 48374 US	Novi, MI 48374 US	U.S.A		10/11/01
Samuel Edward Ebanstein 23020 Coventry Woods Lane Southfield, MI 48034 US	Southfield, MI 48034 US	U.S.A		10/11/01
Yelena Mordechai Rodin 15932 West Eleven Mile Rd Southfield, MI 48078 US	Southfield, MI 48078 US	U.S.A		10/11/01

Attorney Docket No: 201-0564 Please call 313-322-7725 if this paper becomes separated from the file.

PATENT APPLICATION

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D. C. 20231

Case Docket No. 201-0564
Date: October 15, 2001

Sir:

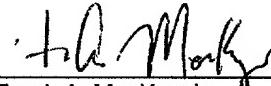
Inventor(s):

Gregory Smith
James Rankin II
Samuel Ebenstein
Yelena Rodin

For: **METHOD FOR OPERATING A PRE-CRASH SENSING SYSTEM IN A VEHICLE HAVING A COUNTER-MEASURE SYSTEM**

The attorney or agent below has reviewed this application and its attachments and consents to electronic filing by the assignee.

Respectfully submitted:



Frank A. MacKenzie
Attorney or Agent of Record
Registration No. 42,826
Ford Global Technologies, Inc.
One Parklane Blvd.,
600 Parklane Towers East
Dearborn, MI 48126
Telephone: (313) 323-2024

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for Form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				Complete if Known			
				Application Number		Unassigned	
				Filing Date		Filed Herewith	
				First Named Inventor		Gregory Smith	
				Group Art Unit		Unknown	
				Examiner Name		Unknown	
Sheet	1	of	4	Attorney Docket Number	201-0564 (FGT 1535PA)		

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. PATENT DOCUMENT		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		Kind Code ²	Number (if known)					
	AA	3,514,610		Huston et al	05/26/70			
	BB	4,257,703		Goodrich	03/24/81			
	CC	4,381,829		Montaron	05/03/83			
	DD	4,623,966		O'Sullivan	11/18/86			
	EE	4,638,289		Zottnik	01/20/87			
	FF	4,673,937		Davis	06/16/87			
	GG	4,833,469		David	05/23/89			
	HH	4,916,450		Davis	04/10/90			
	II	4,969,103		Maekawa	11/06/90			
	JJ	4,992,943		McCracken	02/12/91			
	KK	4,994,972		Diller	02/19/91			
	LL	5,040,118		Diller	08/13/91			
	MM	5,063,603		Burt	11/05/91			
	NN	5,091,726		Shyu	02/25/92			
	OO	5,162,794		Seith	11/10/92			
	PP	5,166,881		Akasu	11/24/92			
	QQ	5,173,859		Deering	12/22/92			
	RR	5,182,459		Okano et al	01/26/93			
	SS	5,230,400		Kakinami et al	07/27/93			
	TT	5,234,071		Kaijwara	08/10/93			
	UU	5,249,157		Taylor	09/28/93			
	VV	5,307,136		Saniyoshi	04/26/94			
	WW	5,314,037		Shaw et al	05/24/94			
	XX	5,430,432		Camhi et al	07/04/95			
	YY	5,467,283		Butsuen et al	11/14/95			
	ZZ	5,479,173		Yoshioka et al	12/26/95			
Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner Signature	Date Considered
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*EXAMINER. Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for Form 1449A/PTO				Complete if Known	
				Application Number	Unassigned
				Filing Date	Filed Herewith
				First Named Inventor	Gregory Smith
				Group Art Unit	Unknown
				Examiner Name	Unknown
Sheet	2	of	4	Attorney Docket Number	201-0564 (FGT 1535 PA)

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No ¹	U.S. PATENT DOCUMENT		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Kind Code ² Number	(if known)			
	A	5,502,432		Ohmamuya et al	03/26/96	
	B	5,521,580		Kaneko et al	05/28/96	
	C	5,526,269		Ishibashi et al	06/11/96	
	D	5,534,870		Avignon et al	07/09/96	
	E	5,541,590		Nishio	07/30/96	
	F	5,552,986		Omura et al	09/03/96	
	G	5,572,428		Ishida et al	11/05/96	
	H	5,574,463		Shirai et al	11/12/96	
	I	5,594,414		Namnqani	01/14/97	
	J	5,602,760		Chacon et al	02/11/97	
	K	5,604,683		Roecker	02/18/97	
	L	5,629,847		Shirakawa et al	05/13/97	
	M	5,635,922		Cho et al	06/03/97	
	N	5,646,612		Byon	07/08/97	
	O	5,680,097		Uemura et al	10/21/97	
	P	5,684,474		Gilon et al	11/04/97	
	Q	5,689,264		Ishikawa et al	11/18/97	
	R	5,699,040		Matsuda	12/16/97	
	S	5,699,057		Ikeda et al	12/16/97	
	T	5,710,565		Shirai et al	01/20/98	
	U	5,745,870		Yamamoto et al	04/28/98	
	V	5,748,477		Katoh	05/05/98	
	W	5,749,426		Gilling	05/12/98	
	X	5,751,211		Shirai et al	05/12/98	
	Y	5,751,836		Wildes et al	05/12/98	
	Z	5,754,099		Nishimura et al	05/19/98	
1	5,771,481			Gilling	06/23/98	
2	5,779,264			Demesseman et al	07/14/98	
3	5,808,561			Kinoshita et al	09/15/98	
4	5,815,093			Kikinis	09/29/98	
5	5,835,007			Kosiak	11/10/98	
6	5,835,873			Darby et al	11/10/98	
7	5,838,228			Clark	11/17/98	
8	5,847,472			Byon	12/08/98	
9	5,847,755			Wixson et al	12/08/98	
10	5,872,536			Lyons et al	02/16/99	
11	5,905,457			Rashid	05/18/99	
12	5,906,393			Mazur et al	05/25/99	
13	5,920,345			Sauer	07/06/99	
14	5,926,126			Engelman	07/20/99	
15	5,936,549			Tsuchiya	08/10/99	
16	5,938,714			Satonaka	08/17/99	
17	5,948,026			Reemer TT et al	09/07/00	

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Substitute for Form 1449A/PTO				Complete if Known	
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				First Named Inventor	Gregory Smith
				Group Art Unit	Unknown
				Examiner Name	Unknown
Sheet	3	of	4	Attorney Docket Number	201-0564 (FGT 1535 PA)

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		Kind Code ²	Number (if known)			
	18		5,949,366	Herrman	09/07/99	
	19		5,949,918	McCaffrey	09/07/99	
	20		5,955,967	Yamada	09/21/99	
	21		5,959,552	Cho	09/28/99	
	22		5,963,272	Wixson	10/05/99	
	23		5,964,822	Alland et al	10/12/99	
	24		5,983,161	Lemelson et al	11/09/99	
	25		5,995,037	Matsuda et al	11/30/99	
	26		5,999,117	Enqel	12/07/99	
	27		5,999,874	Winner et al	12/07/99	
	1A		6,002,983	Alland et al	12/14/99	
	2A		6,018,308	Shirai	01/25/00	
	3A		6,025,797	Kawai et al	02/15/00	
	4A		6,026,340	Corrado et al	02/15/00	
	5A		6,031,484	Bullinger et al	02/29/00	
	6A		6,037,860	Zander et al	03/14/00	
	7A		6,044,166	Bassman et al	03/28/00	
	8A		6,044,321	Nakamura et al	03/28/00	
	9A		6,049,619	Anandan et al	04/11/00	
	10A		6,061,105	Sugimoto	05/09/00	
	11A		6,076,028	Donnelly et al	06/13/00	
	12A		6,084,508	Mai et al	07/04/00	
	13A		6,085,151	Farmer et al	07/04/00	
	14A		6,087,928	Kleinberg et al	07/11/00	
	15A		6,088,639	Fayyad et al	07/11/00	
	16A		6,094,159	Oterfeld et al	07/25/00	
	17A		6,097,332	Crosby II	08/01/00	
	18A		6,114,951	Knioshita et al	09/05/00	
	19A		6,121,896	Rahman	09/19/00	
	20A		6,148,943	Kodaka et al	11/21/00	
	21A		6,151,539	Bergholz et al	11/21/00	
	22A		6,157,892	Hada et al	12/05/00	
	23A		6,161,074	Sielaqoski et al	12/12/00	
	24A		6,168,198	Breed et al	01/02/01	
	25A		6,169,479	Boran et al	01/02/01	
	26A		6,177,866	O'Connell	01/23/01	
	27A		6,185,490	Ferguson	02/06/01	
	1B		6,186,539	Foo et al	02/13/01	
	2B		6,188,316	Matsuno et al	02/13/01	
	3B		6,191,704	Takenaga et al	02/20/01	
	4B		6,204,756	Senyk et al	03/20/01	
	5B		6,209,909	Breed	04/03/01	

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Substitute for Form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	Unassigned
				Filing Date	Filed Herewith
				First Named Inventor	Gregory Smith
				Group Art Unit	Unknown
				Examiner Name	Unknown
Sheet	4	of	4	Attorney Docket Number	201-0564 (FGT 1535 PA)

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FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		JP	54-65934A		Mimura et al	05/28/79		
		EP	0720928 A2		Lucas Industries Public Limited Co.	10/07/96		
		WO	98/37435		Hittite Microwave Corporation	08/27/98		
		WO	98/58274		Cel-siustech Systems	12/23/98		

Examiner Signature		Date Considered
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***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and note considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

FEE TRANSMITTAL

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Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 798

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 06-1510



Deposit Account Name: Ford Global Technologies, Inc.

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

SUBMITTED BY

Authorized Name: Sheri L. Charles

Electronic Signature Mark: /slc

Date Signed: 20011018

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 21	103	\$ 18	1	\$ 18
Independent Claims: 3	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 18

ADDITIONAL FEES

APP_ID=09682777

Page 1 of 2

Fee Description	Fee Code	Fee Paid
Recording Each Patent Assignment Per Property Fee	581	\$ 40

Subtotal For Additional Fees: \$ 40